

Orly Gnat

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

921
citations

759233

12
h-index

888059

17
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17
all docs

17
docs citations

17
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-dependent Ionization in Radiatively Cooling Gas. <i>Astrophysical Journal, Supplement Series</i> , 2007, 168, 213-230.	7.7	286
2	VARIABLE SODIUM ABSORPTION IN A LOW-EXTINCTION TYPE Ia SUPERNOVA,. <i>Astrophysical Journal</i> , 2009, 702, 1157-1170.	4.5	139
3	CONFINED POPULATION III ENRICHMENT AND THE PROSPECTS FOR PROMPT SECOND-GENERATION STAR FORMATION. <i>Astrophysical Journal</i> , 2012, 761, 56.	4.5	95
4	ION-BY-ION COOLING EFFICIENCIES. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 20.	7.7	81
5	NEBULAR EXCITATION IN $z \sim 1/4$ 2 STAR-FORMING GALAXIES FROM THE SINS AND LUCI SURVEYS: THE INFLUENCE OF SHOCKS AND ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2014, 781, 21.	4.5	65
6	SN 2010MB: DIRECT EVIDENCE FOR A SUPERNOVA INTERACTING WITH A LARGE AMOUNT OF HYDROGEN-FREE CIRCUMSTELLAR MATERIAL. <i>Astrophysical Journal</i> , 2014, 785, 37.	4.5	54
7	Detectability of cold streams into high-redshift galaxies by absorption lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 2292-2315.	4.4	43
8	METAL-ION ABSORPTION IN CONDUCTIVELY EVAPORATING CLOUDS. <i>Astrophysical Journal</i> , 2010, 718, 1315-1331.	4.5	41
9	On the Connection between Metal Absorbers and Quasar Nebulae. <i>Astrophysical Journal</i> , 2008, 683, 55-69.	4.5	25
10	Radiative cooling in collisionally ionized and photoionized plasmas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 3133-3143.	4.4	22
11	Time-dependent Cooling in Photoionized Plasma. <i>Astrophysical Journal, Supplement Series</i> , 2017, 228, 11.	7.7	22
12	Photoionized Gas in Dark Matter Minihalos in the Galactic Halo and Local Group. <i>Astrophysical Journal</i> , 2004, 608, 229-242.	4.5	17
13	Non-equilibrium ionization and radiative transport in an evolving supernova remnant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 583-600.	4.4	12
14	EQUILIBRIUM CONFIGURATIONS OF SYNCHRONOUS BINARIES: NUMERICAL SOLUTIONS AND APPLICATION TO KUIPER BELT BINARY 2001 QG ₂₉₈ . <i>Astrophysical Journal</i> , 2010, 719, 1602-1618.	4.5	10
15	Probing the gas density in our Galactic Centre: moving mesh simulations of G2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1841-1849.	4.4	4
16	A new ionization network and radiation transport module in <code>pluto</code> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5807-5825.	4.4	4
17	PARTIALLY COOLED SHOCKS: DETECTABLE PRECURSORS IN THE WARM/HOT INTERGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2011, 729, 82.	4.5	1